

Peak District National Park

Forecast valid from 06:00 on Saturday 02 Apr 2022 until 23:59 on Sunday 03 Apr 2022

Forecast Issued on Saturday 02 Apr 2022 at 04:16

Confidence: Gradually trending less cold and more unsettled as the period progresses, although detail regarding this change is of lower confidence.

Headline for Saturday 02 Apr 2022: Cold with icy stretches and a scattering of wintry showers, these mainly this afternoon.

Mountain weather hazards on Saturday 02 Apr 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Light snow showers	Sleet showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
30%	10%	40%	30%	20%	<05%

Forecast for Saturday 02 Apr 2022

Weather: Often cloudy this morning, with a chance of patchy light snow at first, and icy stretches on the ground. Later this morning some sunny spells will develop, before scattered wintry showers arrive and then persist this afternoon. This evening residual showers die away, leaving a dry and cold end to the day. Winds mainly light and blowing from the east or northeast.

Chance of cloud-free hill tops above 600m: 80 to 100% becoming 50% this afternoon in showers with scattered to broken cloud bases temporarily lowering to around 600m.

Low cloud and visibility: As above for cloud bases with generally very good visibility throughout reducing moderate to poor near showers.

Forecast for Saturday 02 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 E	9/12 NE	9/14 NE	10/15 NE	8/11 NE	5/7 NE	3/5 N
300	3/5 NE	5/7 E	8/14 NE	7/12 NE	6/10 NE	4/6 NE	3/4 S
Valley	3/6 E	5/9 E	7/13 NE	8/15 NE	5/11 NE	3/6 E	2/3 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-0/-5	2/-2	2/-2	1/-2	-0/-3	-1/-3
300	1/-1	3/0	5/2	5/3	4/2	2/-0	1/-1
Valley	1/-1	4/2	6/4	6/4	5/3	2/1	1/-0
Freezing Level*	200m	300m	400m	500m	500m	500m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Icy stretches at first and again this evening, persisting all day in some places with shadows. Moderate UV levels with any prolonged sunny spells that develop, with the sunshine reflecting off lying snow at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 02 Apr 2022	0.4mm	3.6mm	4mm

Forecast for Sunday 03 Apr 2022

Weather: Another cold start with freezing conditions at all levels and light winds. Some mist and valley fog is possible at first, but should soon clear. Then sunny for a while, before cloud builds, bringing the chance of an odd light wintry shower. Cloud then thickens from the northwest, with sleet and snow arriving to summits late evening, with rain below around 300m.

Maximum wind: Westerly with gusts 35-40 mph across summits late evening.

Chance of cloud-free hill tops above 600m: 80 to 100% reducing to 30% or less late evening with broken to overcast bases developing above 400m.

Low cloud and visibility: Cloud generally above summits for most of Sunday then lowering significantly late evening with onset of rain and snow. Visibility mainly good or very good but moderate to poor in mist and rain and very poor in any morning valley fog and evening snow.

Temperature: **Valleys:** Minus 4 degrees Celsius becoming Plus 8 degrees Celsius for a time in afternoon.
At 600m: Minus 3 degrees Celsius becoming Plus 4 degrees Celsius for a time in afternoon.
Freezing level: 300m or less at first in morning rising to just above summits in evening period.